

Amendments to the Specification:

Please replace the title with the following rewritten title:

Method and Apparatus For Reducing Power Consumption In A Power Supply

Please amend the paragraph beginning at page 9, line 14 as follows:

On the other hand, the secondary side comprises a secondary winding ~~winding~~ 24, a diode 25 for rectifying the output oscillated from the primary side, and a capacitor 28 for smoothing the rectified output. The secondary side also comprises a resistor 29 and a zener diode 30 for measuring the output voltage value of the secondary side, and a photodiode 26 for feeding back the output to the primary side. The secondary side further comprises a photodiode 27 that is turned on when the control terminal (CTRL terminal) is in the GND state and a current limiting resistance 31.

Please amend the paragraph beginning at page 9, line 21 as follows:

Next the operation of the AC adaptor 10 to which this embodiment is applied will be described below. The period of PWM outputted ~~from~~ from the PWM IC 15 is assumed to be 100 kHz in the normal operation. This embodiment is constituted so as to perform the switching operation of the switching transistor 13 at about 20 kHz in the standby state, which is a low-power consumption state, for reducing power consumption in the standby state. The switching of frequencies is performed by the MODE terminal of the PWM IC 15. When the signal level of MODE terminal is the GND level, ~~PMW~~ PWM operation of the first operating frequency, 100 kHz, is performed, and when the signal level MODE terminal is Vcc, ~~PMW~~ PWM operation of the second operating frequency, e.g., 20 kHz, is performed.

Please amend the paragraph beginning at page 10, line 2 as follows:

The switching of operating frequencies is performed by controlling the CTRL terminal on

the secondary side of the AC adaptor 10. For example, if the CTRL terminal is designed to be open when the note PC 9 is not connected to the AC adaptor 10, no current flows to the secondary-side photodiode 27. Since the primary-side phototransistor 17 becomes off if no current flows to the photo diode 27, the voltage of the MODE terminal becomes Vcc, and ~~PMW~~ PWM operation of e.g., 20 kHz, is performed. Thus, when the note PC 9 is not connected to the AC adaptor 10, the AC adaptor 10 operates at a low frequency (e.g., 10 kHz), and the power consumption in the standby state is reduced.